L Number	Hits	Search Text	DB	Time stamp
-	288	713/171.ccls.	USPAT;	2004/05/06 19:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	719	713/155-156.ccls.	USPAT;	2004/05/06 19:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	146	713/175.ccls.	USPAT;	2004/05/10 17:11
•		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	162	380/286.ccls.	USPAT;	2004/05/06 19:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1580	380/277-286.ccls.	USPAT;	2004/05/06 19:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	136	380/259.ccls.	USPAT;	2004/05/06 19:08
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	32	concatenate near5 key	USPAT;	2004/05/06 19:44
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	115	concatenate near5 key	USPAT;	2004/05/06 19:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	104	713/155-156.ccls. and concatenat\$3	USPAT;	2004/05/06 19:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	26	713/175.ccls. and concatenat\$3	USPAT;	2004/05/06 19:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	60	380/286.ccls. and concatenat\$3	USPAT;	2004/05/06 19:51
			US-PGPUB;	
			EPO; JPO;	
İ			DERWENT;	
1			IBM_TDB	
-	289	380/277-286.ccls. and concatenat\$3	USPAT;	2004/05/06 20:00
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
- 1	66	713/171.ccls. and concatenat\$3	USPAT;	2004/05/06 19:51
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	

L Number	Hits	Search Text	-DB	Time stamp
-	1806	(linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3	USPAT; US-PGPUB;	2004/05/15 21:42
		chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and	EPO; JPO;	
		((message adj (authentication digest)) (modification adj detection adj code))	DERWENT; IBM_TDB	
-	611	(linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	USPAT;	2004/05/14 15:06
		interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3	US-PGPUB;	,
		chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and ((message adj (authentication digest)) (modification adj	EPO; JPO; DERWENT;	
		detection adj code)) and (random salt nonce) and symmetric	IBM_TDB	0004/05/45 00 04
-	566	(linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3	USPAT; US-PGPUB;	2004/05/15 23:21
1		chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and	EPO; JPO;	;
		((message adj (authentication digest)) (modification adj detection adj code)) and (random salt nonce) and symmetric	DERWENT; IBM_TDB	
		and key and cryptograph\$3	IBW_1DB	
-	62	((linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	USPAT;	2004/05/16 00:04
		interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and	US-PGPUB; EPO; JPO;	
		((message adj (authentication digest)) (modification adj	DERWENT;	
		detection adj code)) and (random salt nonce) and symmetric and key and cryptograph\$3 and (CBC (cipher adj block	IBM_TDB	
		chaining)) and (IV initialization near3 vector)) and @ad >=		
	2	"20001211" ("20010019614").PN.	USPAT;	2004/05/15 17:57
-	2	(20010019014).FN.	US-PGPUB;	2004/03/13 17:37
			EPO; JPO;	
			DERWENT; IBM TDB	
-	2	(("20010019614").PN.) and (key hash\$3 master first	USPAT;	2004/05/15 23:59
		secondary primary linked linking link bond\$3 concatenat\$3 random number private public symmetric cbc cipher-block	US-PGPUB; EPO; JPO;	
		chaining vector secure cryptographic encryption protection	DERWENT;	
	2	integrity) US-5675649-\$.did. and (key hash\$3 master first secondary	IBM_TDB USPAT;	2004/05/15 21:20
•		primary linked linking link bond\$3 concatenat\$3 random	US-PGPUB;	2004/03/13 21.20
		number private public symmetric cbc cipher-block chaining	EPO; JPO;	
		vector secure cryptographic encryption protection integrity)	DERWENT; IBM_TDB	
	868	((linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	USPAT;	2004/05/15 21:43
		interconnect\$3 join\$3 joint relat\$3 weld\$3) near3 key) and (tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3)	US-PGPUB; EPO; JPO;	
		and ((message adj (authentication digest)) (modification adj	DERWENT;	:
_	7	detection adj code)) ((linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	IBM_TDB USPAT;	2004/05/16 00:04
	,	interconnect\$3 join\$3 joint relat\$3 weld\$3) near3 key) and	US-PGPUB;	2004/00/10 00:04
		(tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3	EPO; JPO; DERWENT;	
		near key) and (((message adj (authentication digest)) (modification adj detection adj code)) and (random salt nonce)	IBM_TDB	
		and symmetric and key and cryptograph\$3 and (CBC (cipher	_	
		adj block chaining)) and (IV initialization near3 vector)) and @ad <= "20001211"		
-	1189	(((root certificate) near3 authority) or (key near3 manag\$5))	USPAT;	2004/05/15 23:26
		and tree	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	757	(hash\$3 near3 key) and symmetric	IBM_TDB USPAT;	2004/05/15 23:26
-	131	(mashes hears key) and symmetric	US-PGPUB,	255-755715 25.20
			EPO; JPO;	
			DERWENT; IBM_TDB	
-	49	((((root certificate) near3 authority) or (key near3 manag\$5))	USPAT;	2004/05/15 23:27
		and tree) and ((hash\$3 near3 key) and symmetric)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	

		("20010019614").PN.	USPAT;	2004/05/15 23:35
-	2	(200 100 190 14).PN.	US-PGPUB;	2004/00/10 23:35
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	2	("200119614").PN.	USPAT;	2004/05/15 23:35
	i		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	("US20010019614A1").PN.	USPAT;	2004/05/15 23:36
	1	,	US-PGPUB:	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	0	("US-20010019614-A1.did.").PN.	USPAT;	2004/05/15 23:36
-		(US-20010019614-A1.did.).FN.		2004/03/13 23.30
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	US-20010019614-A1.did.	USPAT;	2004/05/15 23:36
	<u> </u>		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(hashing adj tree) and (hash\$3 near5 key) same (random	USPAT;	2004/05/16 00:00
		unique nonce)	US-PGPUB;	
		amque menocy	EPO; JPO;	
			DERWENT;	
			· ·	
	44	(health) and these and (health) near transfer	IBM_TDB	2004/05/46 00:04
-	11	(hash\$3 adj tree) and (hash\$3 near5 key) same (random	USPAT;	2004/05/16 00:04
		unique nonce)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	11	((hash\$3 adj tree) and (hash\$3 near5 key) same (random	USPAT;	2004/05/16 00:15
		unique nonce)) and (linking linked link associat\$3 bond\$3	US-PGPUB;	
		connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3	EPO; JPO;	
		tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3	DERWENT;	
		message authentication digest verif\$5 detect\$3 compar\$3	IBM_TDB	
		validat\$3 correct\$3 identical modification detection code MAC		
		random salt nonce symmetric key cryptograph\$3 CBC cipher		
		block chaining IV initialization near3 vector)	}	
	91	(linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	USPAT;	2004/05/16 00:15
-	91			2004/05/10 00.15
		interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3	US-PGPUB;	
		chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and	EPO; JPO;	
		((message adj (authentication digest)) (modification adj	DERWENT;	
		detection adj code)) and (random salt nonce) and symmetric	IBM_TDB	
		and key and cryptograph\$3 and (CBC (cipher adj block		
		chaining)) and (IV initialization near3 vector)		
-	31	((linking linked link associat\$3 bond\$3 connect\$3 coupl\$3	USPAT;	2004/05/16 00:15
		interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3	US-PGPUB;	
		chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and	EPO; JPO;	
		((message adj (authentication digest)) (modification adj	DERWENT;	
		detection adj code)) and (random salt nonce) and symmetric	IBM_TDB	
			15141_100	
		and key and cryptograph\$3 and (CBC (cipher adj block		
		chaining)) and (IV initialization near3 vector)) and @ad <=		
		<u>"20001211"</u>	L	L

-	31	(((linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3) and (tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3) and (hash\$3) and ((message adj (authentication digest)) (modification adj detection adj code)) and (random salt nonce) and symmetric and key and cryptograph\$3 and (CBC (cipher adj block chaining)) and (IV initialization near3 vector)) and @ad <= "20001211") and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector) ("5142578").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/16 00:22
			US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	
] -	2	(("5142578").PN.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 10:22
	2	("4,908,861").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/16 00:25
-	2	("4,941,176").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/16 00:25
-	2	(("5142578").PN.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector digital signature sign\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/16 00:27
-	2	(("4,941,176").PN.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/16 19:36
•	0	((US-5675649-\$ or US-4941176-\$).did. or (US-20040039924-\$ or US-20010019614-\$).did.) and salt	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 10:08
-	4	(US-5675649-\$ or US-4941176-\$).did. or (US-20040039924-\$ or US-20010019614-\$).did.	USPAT; US-PGPUB	2004/05/17 10:22
-	6	(((US-6718467-\$ or US-6389535-\$ or US-6044155-\$ or US-5720034-\$).did.).p57-p127. or ((US-20030046238-\$ or US-20030221101-\$).did.).p128-p139.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 10:23
L		near3 vector)	l	<u> </u>

-	4	((US-5675649-\$ or US-4941176-\$).did. or (US-20040039924-\$ or US-20010019614-\$).did.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 12:01
-	2	("4941176").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/17 12:01
•	2	(("4941176").PN.) and (linking linked link associat\$3 bond\$3 connect\$3 coupl\$3 interconnect\$3 join\$3 joint relat\$3 weld\$3 tamper\$3 chang\$3 modif\$8 corrupt\$3 infect\$3 hash\$3 message authentication digest verif\$5 detect\$3 compar\$3 validat\$3 correct\$3 identical modification detection code MAC random salt nonce symmetric key cryptograph\$3 CBC cipher block chaining IV initialization near3 vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/17 12:03

		•		
-	8	(key same hash same (salt random (unique adj (number digit)))) and ((concatenat\$3 catenat\$3 join\$3 link\$3	USPAT; US-PGPUB;	2004/05/10 14:47
		connect\$3) same (detect\$3 determin\$3 verif\$4 certif\$4	EPO; JPO;	1
		check\$3) same key same salt)	DERWENT;	
		Chrosines, came nay came came,	IBM_TDB	
-	8	(key same hash same (salt random (unique adj (number	USPAT;	2004/05/10 14:47
		digit)))) and ((concatenat\$3 catenat\$3 join\$3 link\$3	US-PGPUB;	
		connect\$3) same (detect\$3 determin\$3 verif\$4 certif\$4	EPO; JPO;	
		check\$3) same key same salt)	DERWENT:	
			IBM TDB	
•	5855	key near4 management	USPAT;	2004/05/10 17:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	990	key same hash same (salt random (unique adj (number digit)))	USPAT;	2004/05/10 17:10
			US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT;	
]		IBM_TDB	
•	187	(key near4 management) and (key same hash same (salt	USPAT;	2004/05/10 17:11
		random (unique adj (number digit))))	US-PGPUB;	
			EPO; JPO;	
]		DERWENT;	
			IBM_TDB	
•	48	(key near4 management) and (key same hash same (salt	USPAT;	2004/05/10 17:14
	l	random (unique adj (number digit)))) and (message near4	US-PGPUB;	
	į	digest)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/05/40 47 00
-	26	(key near4 management) and (key same hash same (salt	USPAT;	2004/05/10 17:22
		random (unique adj (number digit)))) and (message near4	US-PGPUB;	
		digest) and (concatenat\$4 catenat\$3)	EPO; JPO;	
	į		DERWENT;	
	22	(key near4 management) and (key same hash same (salt	IBM_TDB USPAT;	2004/05/10 17:25
-	22	random (unique adj (number digit)))) and (message near4	US-PGPUB;	2004/05/10 17.25
		digest) and (concatenat\$4 catenat\$3) and symmetric	EPO; JPO;	
		digesty and (concatenator catenator) and symmetric	DERWENT;	
			IBM_TDB	
_	8	(key near4 management) and (key same hash same (salt	USPAT;	2004/05/10 17:26
		random (unique adj (number digit)))) and (message near4	US-PGPUB:	200 1100110 11.20
		digest) and (concatenat\$4 catenat\$3) and (symmetric with	EPO; JPO;	
		(cipher adj block adj chainning (CBC)))	DERWENT;	
		(c.p., a.e.,	IBM_TDB	
-	12	(message near4 digest) and (concatenat\$4 catenat\$3) and	USPAT;	2004/05/10 17:26
		(symmetric with (cipher adj block adj chainning (CBC)))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	37	concatenat\$3 with public with private	USPAT;	2004/05/10 18:10
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(concatenat\$3 with public with private) same symmetric same	USPAT;	2004/05/10 18:11
		(Cipher adj block adj chain (CBC))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_	(and a second of the second of	IBM_TDB	0004/05/46 15 15
-	2	(concatenat\$3 with public with private) same symmetric	USPAT;	2004/05/10 18:12
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	<u> </u>	<u> </u>	IBM_TDB	L